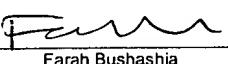


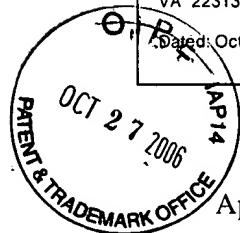
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Docket No.: VOS-021 (107070.130 US1)
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gregor CEVC et al. Confirmation No.: 9531
Application No.: 09/890,335 Art Unit: 1645
Filed: July 26, 2001 Examiner: B. J. Gangle
Title: NON-INVASIVE VACCINATION THROUGH THE SKIN

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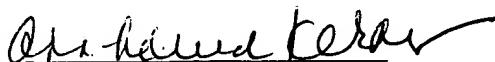
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Substitute for form 1449/PTO				Complete if Known	
				Application Number	09/890,335-Conf. #9531
				Filing Date	July 26, 2001
				First Named Inventor	Gregor CEVC
				Art Unit	1645
				Examiner Name	B. J. Gangle
Sheet	1	of	3	Attorney Docket Number	VOS-021 (107070.130 US1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA*	US-4,383,993	05-17-1983	Hussain et al.		
AB*	US-6,165,500	12-26-2000	Cevc et al.		
AC*	US-20020048596-A1	04-25-2002	Cevc et al.		
AD	US-09/890371	07-26-2001	Cevc et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	DE-4107152		09-10-1992	Cevc	
BB	DE-4447287		11-07-1996	Cevc	
BC	EP-0475160-B1		08-23-1991	Cevc	
BD	WO-00/24377		05-04-2000	Cevc	
BE	WO-90/09385		08-23-1990	Wiener	
BF	WO-92/03122		03-05-1992	Cevc	
BG	WO-98/17255		04-30-1998	Cevc	

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
CA	ALMEIDA et al., "Nasal Delivery of Vaccines", J. Drug Targeting, 3:455-467 (1996)				
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CC	BIBGEROGLU, et al., "Treatment of Estrogen-Dependent Gynecological Disorders with the Gonadotropin Releasing Hormone Agonist Buserelin", Gynecol. Endocrinol. 5:109-22 (1991)				
CD	BRUINS et al, "Effect of Acute and Chronic Treatment with Desglycinamide [Arg8] Vasopressin in Young Male and Female Volunteers", Peptides 16:179-86 (1995)				
CE	DRAGHIA et al., "Gene Delivery into the Central Nervous System by Nasal Instillation in Rats", Gene-Ther. 2:418-23 (1995)				
CF	DREJER et al, "Intranasal Administration of Insulin with Phospholipid as Absorption Enhancer: Pharmacokinetics in Normal Subjects", Diab. Med. 9:335-340 (1992)				
CG	FLANAGAN et al, "A Recombinant Human Adenovirus Expressing the Simian Immunodeficiency Virus Gag Antigen can Induce Long-Lived Immune Responses in Mice", J. Gen. Virol. 78:991-7 (1997)				
CH	GIZURARSON et al., "Intranasal Administration of Insulin to Humans", Diabets Res. Clin. Pract. 12:71-84 (1991)				
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Substitute for form 1449/PTO				Complete if Known	
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				Art Unit	1645
				Examiner Name	B. J. Gangle
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CI	GHIGO et al., "Short Term Administration of Intranasal or Oral Hexarelin, a synthetic Hexapeptide, Does Not Desensitize the Growth Hormone Responsiveness in Human Aging", Eur. J. Endocrinol. 135:407-102 (1996)	
CJ	HARRIS, A. S. "Review: Clinical Opportunities Provided by the Nasal Administration of Peptides", J. Drug Target. 1:101-16 (1993)	
CK	HUNEYCUYT et al., "Distribution of Vesicular Stomatitis Virus Proteins in the Brains of BALB/c Mice Following Intranasal Inoculation: An Immunohistochemical Analysis", Brain Res. 635:81-95 (1994)	
CL	HUSSAIN et al., "Does Increasing the Lipophilicity of Peptides Enhance Their Nasal ABsorption?", J. PHarm. Sci. 80:1180-1 (1991)	
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CN	ILUM, L., "The Nasal Delivery of Peptides and Proteins", Trends. Biotechnol. 9:284-9 (1991)	
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CU	MAITANI et al., "Influence of Molecular Weight and Charge on Nasal Absorption of Dextran and DEAE-dextran in Rabbits", Intl. J. Pharmaceut. 49:23-27 (1989)	
CV	MCMARTIN et al., "Analysis of Structural Requirements for the Absorption of Drugs and Macromolecules from the Nasal Cavity", J. Pharm. Sce. 76:535-540 (1987)	
CW	MORI et al., "Temperature- SEnstivie Parainfluenza Type 1 Vaccine Virus Directly Accesses the Central Nervous System by Infecting Olfactory Neurons", J. Gen. Virol. 77:2121-4 (1996)	
CX	NAUMANN et al., "Vasopressin and Cognitive Processes: Two Event-Related Potential Studies", peptides 12:1379-84 (1991)	
CY	PASECHNIK et al., "Macromolecular Drug Delivery to the CNS with Protein Carriers", Exp. Opin. Invest. Drugs 5:1255-1276 (1996)	
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CA1	PIETROWSKY et al., "Brain Potential Changes after Intranasal vs. Intravenous Administration of Vasopressin: Evidence for a Direct Nose-Brain Pathway for Peptide Effects in Humans", Biol. Psychiatry 39:332-40 (1996)	
CB1	PIHOKER et al., "Diagnostic Studies with Intravenous and Intranasal Growth Hormone-Releasing Peptide-2 in Children of Short Stature", J. Clin. Endocrinol. Metab. 80(10):2987-92 (1995)	
CC1	POHL et al., "Modulation of Pain Perception in Man by a Vasopressin Analogue", Peptides 17:641-7 (1996)	

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/890,335-Conf. #9531
<i>(Use as many sheets as necessary)</i>				Filing Date	July 26, 2001
				First Named Inventor	Gregor CEVC
				Art Unit	1645
				Examiner Name	B. J. Gangle
Sheet	3	of	3	Attorney Docket Number	VOS-021 (107070.130 US1)

CD1	SARKAR, M. "Drug Metabolism in the Nasal Mucosa", Pharm-Res. 9:1-9 (1992)	
CE1	SHIMODA et al., "Effects of Dose, PH and Osmolarity on Intranasal Absorption of Recombinant Human Erythropoietin in Rats", Biol. Pharm. Bull. 18(5):734-9 (1995)	
CF1	SPERBER et al., "Otologic Effects of Interferon Beta Serine in Experimental Rhinovirus Colds", Arch. Otolaryngol. Head. Neck. Surg. 118:933-6 (1992)	
CG1	TING et al., "Microparticles of Polyvinyl Alcohol for Nasal Delivery. I. Generation by Spray-Drying and Spray-Desolvation", Pharm. Res. 9:1330-5 (1992)	
CH1	TSUME, et al., "Quantitative Evaluation of the Gastrointestinal Absorption of Protein into the Blood and Lymph Circulation", Biol. Pharm. Bull. 19(10) 1332-1337 (1996)	
CI1	WATANABE, et al., "Absorption of Recombinant Human Granulocyte Colony-Stimulating Factor (rhG-CSF) and Blood Leukocyte Dynamics Following Intranasal Administration in Rabbits", Biol. Pharm. Bull. 16:93-95 (1993)	
CJ1	WATANABE et al., "Pharmacokinetics and Pharmacodynamics of Recombinant Human Granulocyte Colony-Stimulating Factor (rhG-CSF) following Intranasal Administration in Rabbits", J. Drug Target 3:231-38 (1995)	
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